ANALOG COMPUTATION CIRCUITS

MODEL	TRANSFER	SMALL	FULL	SLEW	SETTLE	TOTAL		NONLINEARITY		FEEDTHROUGH		CMRR	WIDEBAND NOISE		I%	POWER	Model Designator				
NUMBER	FUNCTION	SIGNAL	POWER	RATE	TIME	ERROR				Y=20	X=20		mV RMS typ		AMPLITUDE	SUPPLIES	Temperature				
		BW	BW		typ	@25C	@Tmax	X Input	Y Input	X=0	Y=0		I0 HZ	I0 HZ	ERROR		Range				PRICE
		MHZ		V/usec	usec	% FS	% FS	% FS	% FS	mV	mV	dB	to	to	KHZ		0	-25	-40	-55	
													I0 KHZ	5 MHZ			70	85	85	I25	I00's
ANALOG MULTIPLIERS																					
AD532	Vout=(X1-X2)*(Y1-Y2)/10	1	75KHz	45 typ	1 typ	2	NS	0.8	0.3	200	150	40	0.6	3	75 typ	± 15V@ 6 mA	J				$15.80
AD532						1		0.5	0.2	100	80	50					K			S	$33.10
AD632	Vout=(X1-X2)*(Y1-Y2)/10+Z2	1	75KHz	20 typ	2 typ	1	1.5	.4 typ	0.2	ns	ns	60	0.09	1	50 typ	± 15V@ 6 mA		A		S	$17.50
AD632						0.5	1	.3 max	.1 max	60	20	70						B		T	$29.95
AD534	Vout=(X1-X2)*(Y1-Y2)/10-(Z1+Z2)	1	NS	20	2	±1	NS	NS	NS	NS	NS	60	0.09	1	50	± 15V@ 6 mA	J				$16.95
AD534						±.5		0.3	0.1	20	60	70					K				$32.00
AD534						±..25		0.12	0.1	20	24						L				$54.40
AD534						±1		NS	NS	NS	NS	60								S	$69.70
AD534						±.5		0.3	0.1	20	60	70								T	$93.30
AD633	Vout=(X1-X2)*(Y1-Y2)/10+Z	1	NS	20	2	±2	NS	1	0.4	200	80	60	0.09	1	50	± 15V@ 6 mA	J				$3.75
		-3dB								Y=10	X=10										
AD734	Vout=(X1-X2)*(Y1-Y2)/(U1-U2)-(Z1-Z	8			100 to 1%	±1	1	NS	NS	5	10	70	-88dBC			± 15V@ 12 mA			A		$12.66
AD734					200 to .1%	±.25	0.6			1.5	3								B		$21.43
AD734						±..4	1.25			5	10									S	
AD538	Vout=Vy*(Vz/Vz)^m	0.4		1.4		±1	2									± 15V@ 7 mA		A			$27.86
AD538						±.5	1											B			$35.38
AD538						±1	2.5													S	$59.56
AD539 Single or Differential, Current Output		-3dB								f<I MHZ, Vy=I.5V rms											
AD539	V01=-Vx*Vy1	50				±2.5				-75 dB						+15 @ 10.2 mA	J				$17.15
AD539	V02=-Vx*Vy2					±1.5										-15 @ 22.2 mA	K				$25.14
AD539						±2.5														S	$83.00
AD834, Differential Current Output										Y=± 1V	X=± 1V										
AD834	Vout=Vx*Vy/ 1V^2 ± 4mA	500				±2				6	4					±5V @ 14/35 mA	J		A	S	$16.00
AD835. Single Ended Voltage Output																					
AD835	Vout=Vx*Vy+Vz	200	55		I7nSEC	±5	±3	0.7	0.5	1	1	80	45 nV/HZ						A		$8.95
MLT04. Quad										Y=± 2.5V	X=± 2.5V										
MLT04	Vout=Vx*Vy/2.5V	8	2	30	1	±5	0.25	1	1	1	NS	65	78	380		±5V @ ±20mA			G		$11.95
Balanced Modulator/Demodualtor																POWER	Model Designator				
	TRANSFER	Open			Comp	Comp	Unity	Slew	Settling	CMRR	PSRR					SUPPLIES	Temperature				
	FUNCTION	Loop			Response	Switch	Gain	Rate	Time								Range				PRICE
		Gain	Eos	Ib	Time	Window											0	-25	-40	-55	
		dB	mV	nA	nsec	mV	MHz	V/usec	usec	dB	dB						70	85	85	I25	I00's
AD630	Vout=G*Vin*±1	90	0.5	300	200	±2	2	45	3	85	90					±5>16.5V, ±5mA	J	A		S	
AD630		100	0.1							90							K	B			
Analog Trig Function Generator																					
AD639	See Data Sheet for Spec's																	A		S	$29.29
AD639	See Data Sheet for Spec's																	B			$44.08